



Applies To: **1998–99 Accord V6 – ALL**
1999–01 Odyssey – ALL

November 25, 2003

MIL Is On With DTC P0420

(Supersedes 03-073, dated October 31, 2003)

SYMPTOM

The MIL is on, and DTC P0420 (catalyst system efficiency below threshold) is stored.

PROBABLE CAUSE

The catalytic converter has deteriorated.

CORRECTIVE ACTION

Replace the catalytic converter, and check for any related DTCs.

PARTS INFORMATION

Catalytic Converter:

Odyssey (all): P/N 18160-P8F-J00, H/C 6148746

Accord (KA emissions type): P/N 18160-P8C-305,
H/C 7569114

Accord (KL emissions type): P/N 18160-P8F-J00,
H/C 6148746

10 mm Nut (6 required): P/N 90212-SA5-003,
H/C 1169812

Prechamber Gasket: P/N 18393-SH3-S00,
H/C 3228806

Prechamber Gasket: P/N 18393-SS0-J30,
H/C 4113353

Replace the following items only if necessary.

Upper Cover:

Odyssey (all): P/N 18182-P8C-L00, H/C 5434006

Accord (KA emissions type): P/N 18182-P8A-A01,
H/C 5522925

Accord (KL emissions type): P/N 18182-P8C-L00,
H/C 5434006

Lower Cover (all): P/N 18181-P0G-A00, H/C 4596698

Flange Bolt (4 required): P/N 90023-PK1-000,
H/C 3437746

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

NOTE: Catalytic converters are covered by the 8/80 Federal and California emissions warranties.

OP#	Description	FRT
323503	Confirm and clear the DTC with the HDS	0.3
311135	Replace catalytic converter	0.5

Failed Part: P/N 18160-P8C-A00
H/C 5433941

Defect Code: 01102

Symptom Code: 03203

Skill Level: Repair Technician

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Parts and Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

DIAGNOSIS

Connect the HDS to the DLC (data link connector) and read the stored DTC(s).

- If DTC P0420 is the only code, go to REPAIR PROCEDURE.
- If other DTCs are stored along with P0420, troubleshoot those codes first. Failure of other components could contribute to the failure of the catalytic converter, and could cause it to fail again. Then go to REPAIR PROCEDURE.

REPAIR PROCEDURE

1. *Accord only:* Determine the emissions type (KA or KL) of the vehicle. Either do a VIN Status Inquiry on *IN*, or examine the catalytic converter. On a KA emissions type vehicle, the secondary oxygen sensor is in the *rear* of the converter. On a KL emissions type vehicle, the oxygen sensor is in the *middle* of the converter.
2. Replace the catalytic converter. If the mounting bolts do not break due to corrosion when you remove the original upper and lower covers, then reuse the covers. Otherwise, replace the covers and the mounting bolts.